Open-Ended

Structure details:

Back Rubber

Ensures cord protection and perfect adhesion, our flexible backing will allow reverse idler drive.

Tensile cord

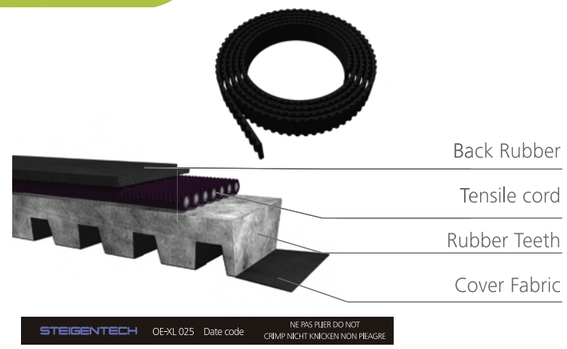
Glass fiber helically wounded with high strength, our tensile cords ensure pitch form and stability while offering required flexibility and no elongation.

Rubber Teeth

High quality chloroprene compound fiber loaded forms precisely desired teeth, ensures great fatigue resistance.

Cover Fabric

Special polyamide fabric to ensure low friction, resistance to abrasion, protects the teeth in their perfecting matching with pulleys, low noise.



Application:

Our Open-Ended Timing belts have similar function as ordinary timing belts.
Those belts are perfect for packaging, open door, robotic or of course any linear motion, positioning system applications.
They can be used in textile industry, light industry, chemical industry, electrical appliances industry, machinery for transferring power, etc…
They can suit multi-axial transmission, and can also work between two axes whose center distance is below 15M under the worse condition.

Properties:

Our Open-Ended classical Trapezoidal Timing Belts are leveraging the properties and features from endless versions.
They are produced as normal endless Timing belts and are cut in spiral.
Please consult us for steel tensile cord requirements.

Product Codification:

ISO 5296 designation: 100 - OE-XL - 025
Possible sections : OE-MXL, OE-XL, OE-L, OE-H
(100 = Roll Length (m); OE-XL = Open-Ended Belt Type; 025 = Belt width (inches x 100))

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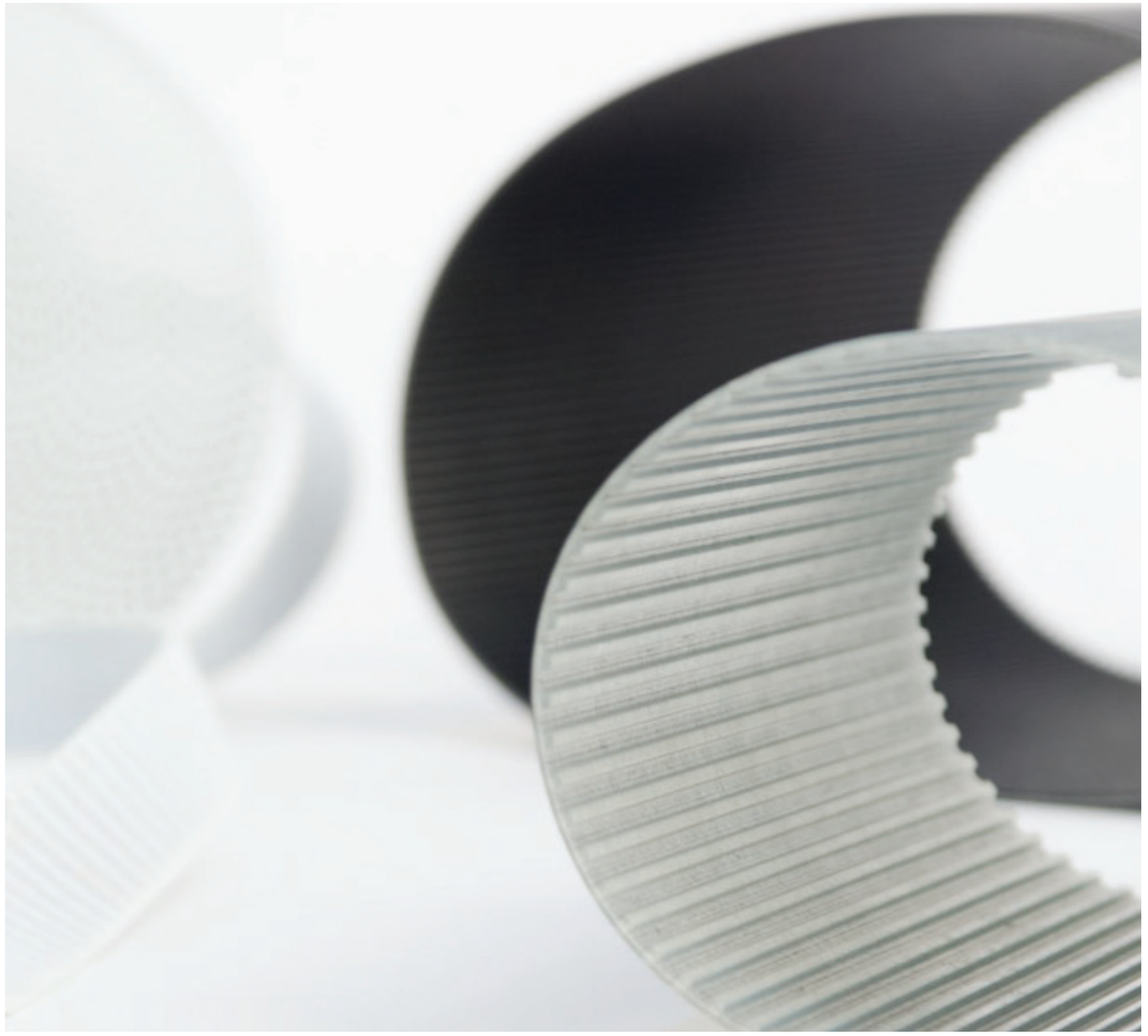
ISO / CD 17396 designation:
Possible sections :
OE-T5, OE-T10, OE-T20 / OE-AT5, OE-AT10, OE-AT20

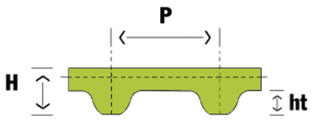
OE-T5 x 100 x 20
(Open-Ended Belt type T-tooth pitch (5 mm) | Roll Length (m) | Belt width (mm))

OE-AT10 x 50 x 50
(Open-Ended Belt type AT-tooth pitch (10 mm) | Roll Length (m) | Belt width (mm))

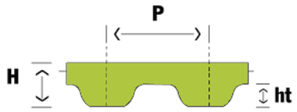


Section Dimensions:

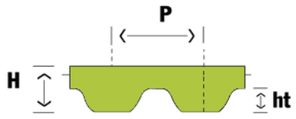
Our classical Trapezoidal Timing Belts have been designated to be used with timing pulleys according to ISO 5294.



ISO 5296	OE-MXL	OE-XL	OE-L	OE-H	OE-XH	OE-XXH
Pitch (inches)	2/25	1/5	3/8	1/2	7/8	1 1/4
Pitch (mm)	2.032	5.080	9.525	12.700	22.225	31.750
Tooth Height (mm)	0.51	1.27	1.91	2.29	6.35	9.53
Tooth Width (mm)	1.14	2.57	4.65	6.12	12.57	19.05



ISO / CD 17396	OE-T5	OE-T10	OE-T20
Pitch (mm)	5.0	10.0	20.0
Tooth Height (mm)	1.2	2.5	5.0
Tooth Width (mm)	2.65	5.30	10.15



ISO / CD 17396	OE-AT5	OE-AT10	OE-AT20
Pitch (mm)	5.0	10.0	20.0
Tooth Height (mm)	1.2	2.5	5.0
Tooth Width (mm)	2.5	5.00	10.00